

FIG. 1

The preferred route from A to E

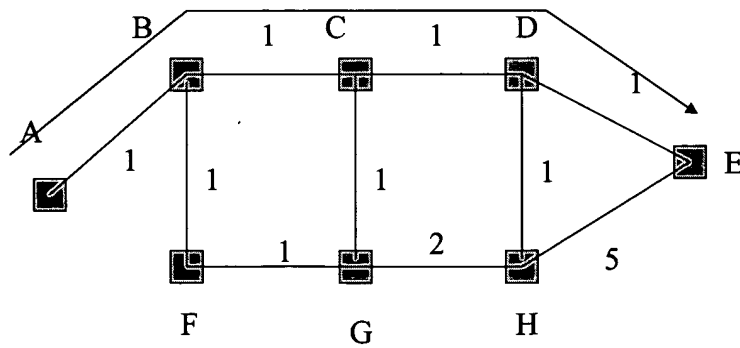


FIG. 2

The diagram shows a network flow problem with nodes A, B, C, D, E, F, G, and H. The edges and their flow values are as follows:

- A to B: 1
- B to C: 1
- B to F: 1
- F to C: 1
- C to D: 1
- C to G: 1
- G to H: 2
- D to H: 1
- D to E: 1
- H to E: 5

**FIG. 4**

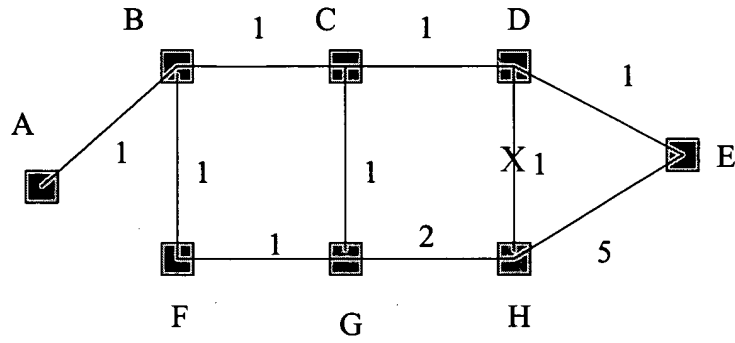


FIG. 5

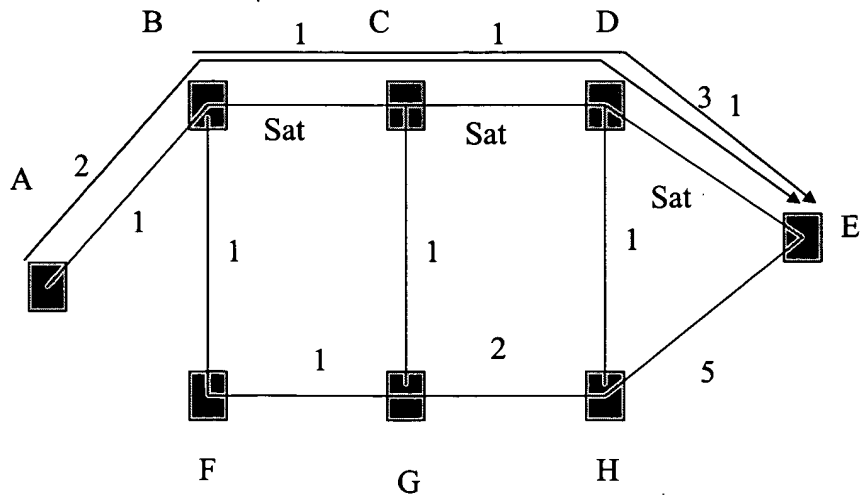


FIG. 6

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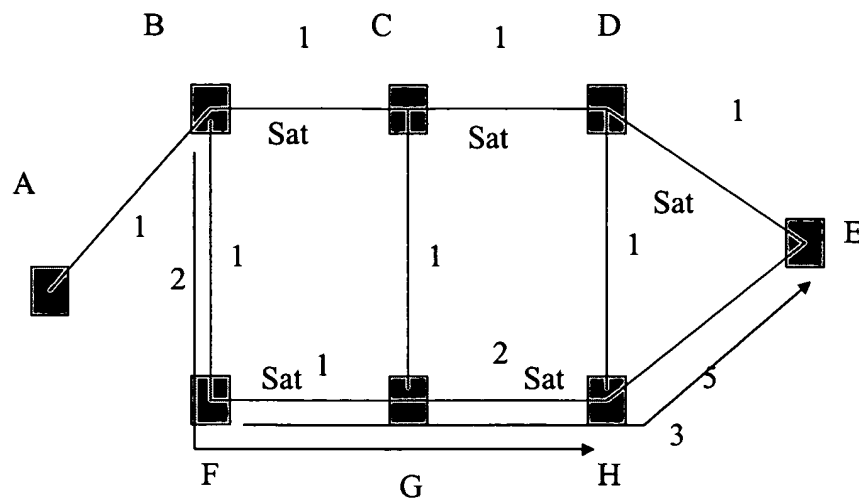


FIG. 7

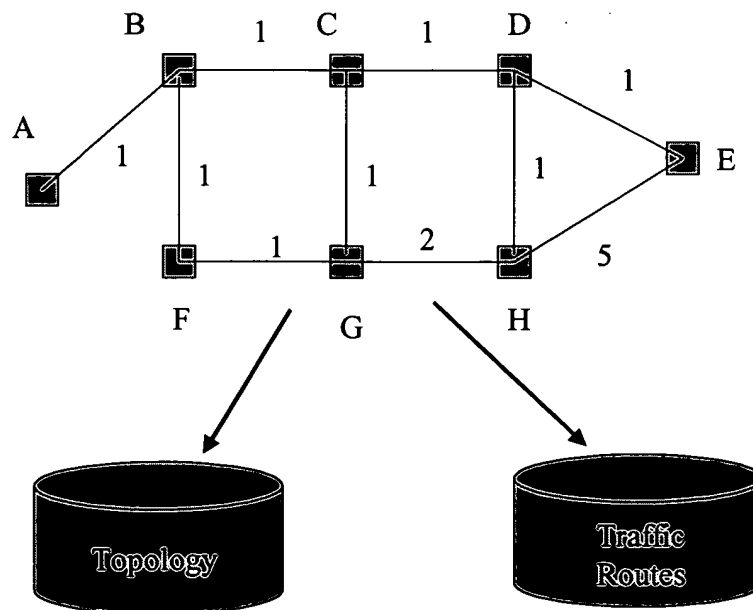
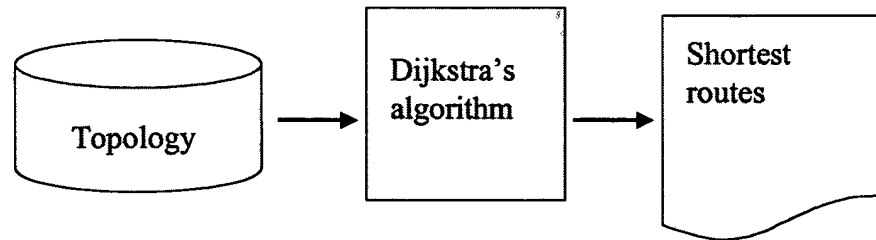


FIG. 8



**FIG. 9**

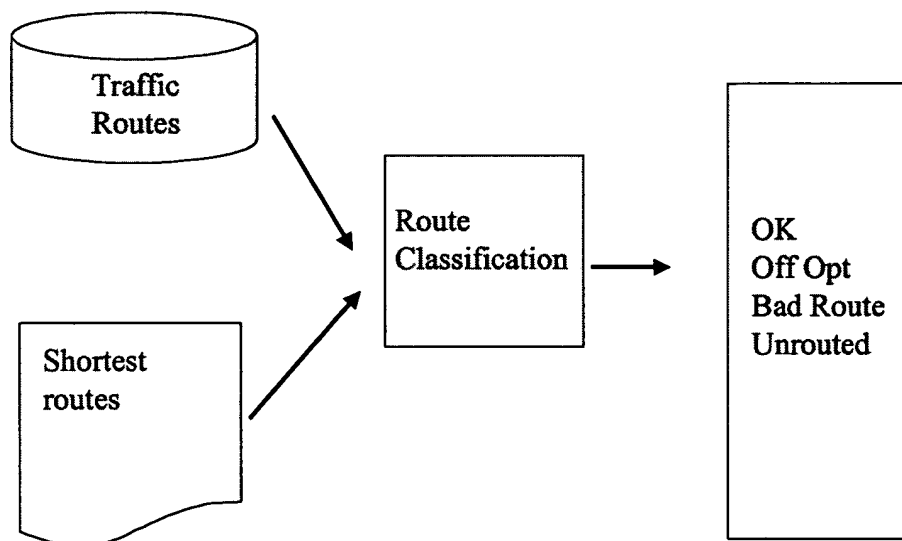


FIG. 10

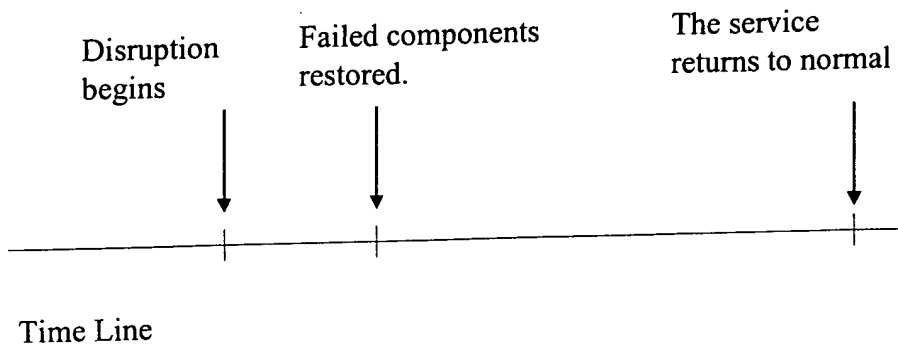


FIG. 11

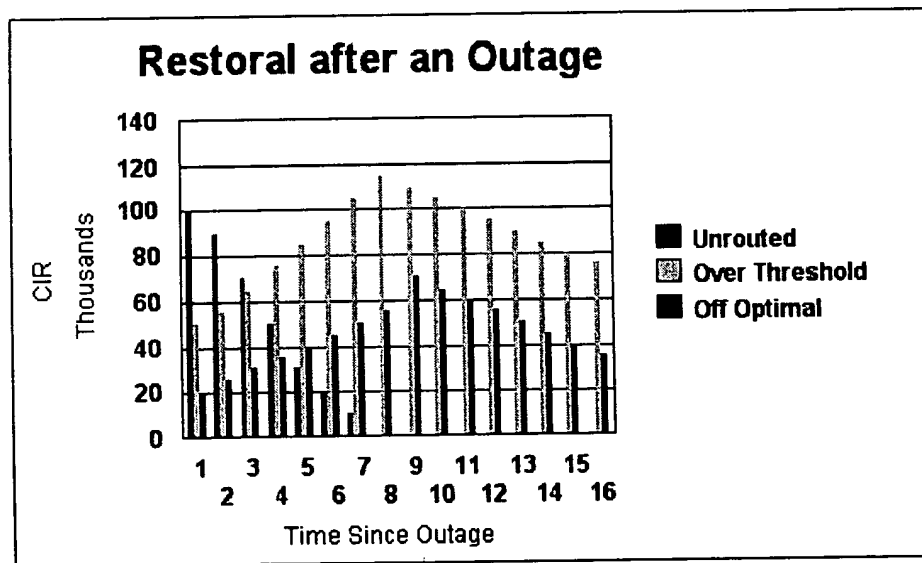


FIG. 12

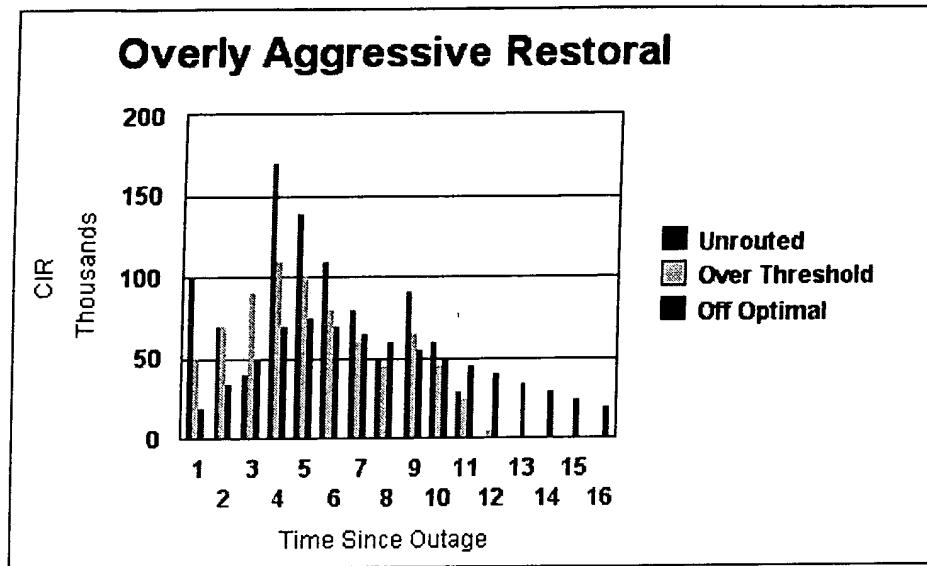


FIG. 13

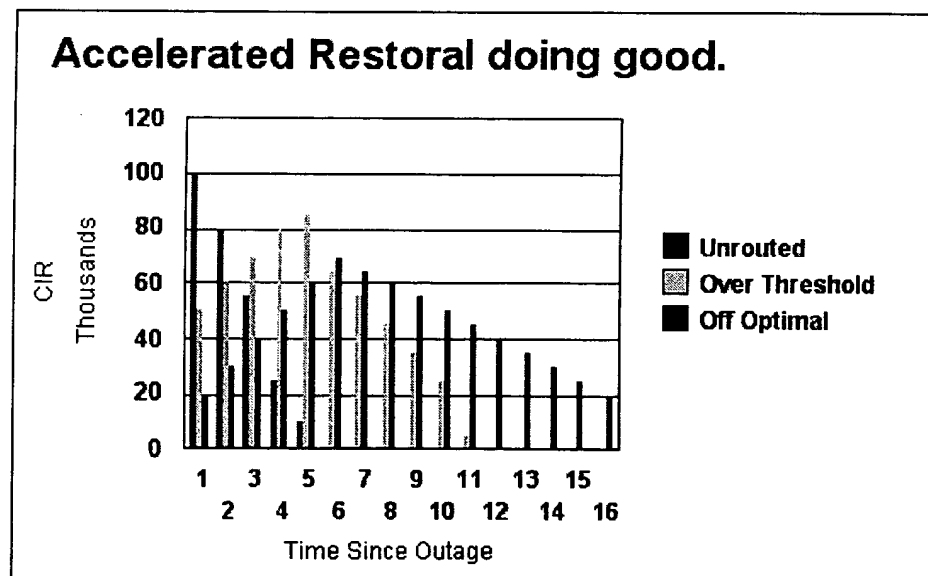


FIG. 14